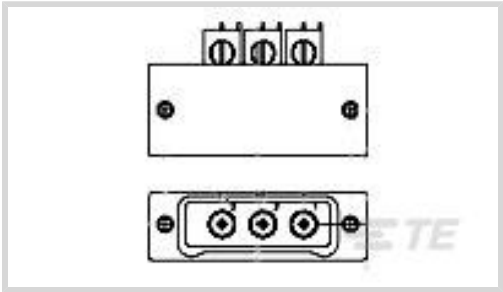




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **Nanominiature**
RF Connector Style: **Receptacle**
Impedance: **50 Ω**
Compatible With RF Cable Type: **RG 178**
RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	Nanominiature
RF Connector Style	Receptacle
Compatible With RF Cable Type	RG 178
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	0
Number of Positions	4
PCB Mount Orientation	Horizontal
Number of Coaxial Contacts	4

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Right Angle
Body Material	Aluminum
Body Plating Material	Electroless Nickel

Contact Features



RF Connector Center Contact Underplating Material	Copper
Contact Current Rating (Max)	1 A
RF Connector Center Contact Plating Material	Gold

Termination Features

Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mounting Hardware Type	1mm X .16in Mounting Screw
Mating Retention Type	Mounting Hardware, Threaded Hole
Screw & Hole Thread Size	1mm
RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Solder

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

RF Contact Spacing	.64 mm[.025 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Operating Frequency	60 – 1 GHz
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Other

Dielectric Material	PTFE
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209)



SVHC > Threshold:

Pb (.4% in Plating in pins)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not lead free process capable

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # 1589081-1
321-0002 = CONTACTS

Customers Also Bought

TE Part #YDTS20G19-32PAV001
D38999: Square Flange, 19-32 insert

TE Part #1-796636-4
14POS 5.08MM CE VRT HDR,TRM BK

TE Part #1589071-7
CX040SC2RG024N = COAX

TE Part #3-1618240-9
K43P332=RELAY, VACUUM, SPST,



TE Part #4-1618240-2
K43R334=RELAY, VACUUM, SPDT-LA

TE Part #1-2176374-6
RQ 0805 154R 0.1% 10PPM 1K RL

TE Part #2176375-3
RQ 0805 1K21 0.1% 10PPM 1K RL

TE Part #1589482-9
STM037C5 = THRU-HOLE

TE Part #2-1589486-7
STM037L84HN = SMT CONN

TE Part #1-1589482-0
STM051C5 = THRU-HOLE

Documents

Product Drawings

CX040L2HN = Coax

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1589072-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1589072-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1589072-6_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1589072 Nanonics Cross Reference

English